

ABSTRACT OF THE DISCLOSURE

The present invention provides a liquid discharge head and a method for manufacturing such a head, in which a discharging speed of a liquid droplet can be increased, a discharging amount of the liquid droplet can be stabilized and discharging efficiency of the liquid droplet can be enhanced.

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The liquid discharge head comprises a heater, an element substrate on which the heater is provided, a

10 nozzle including a discharge port portion having a discharge port for discharging the liquid droplet and a bubbling chamber and a supply path for supplying the liquid to the bubbling chamber and a supply chamber for supplying the liquid to the nozzle and an

15 orifice substrate and, the bubbling chamber includes a first bubbling chamber and a second bubbling chamber above the first bubbling chamber and the discharge port portion is communicated with the second bubbling chamber via a stepped portion and a

20 side wall of the second bubbling chamber is converged toward the discharge port with inclination of 10 to 45 degrees and the nozzle is provided with a control portion comprised of a stepped portion in the flow path in the vicinity of the bubbling chamber and a

25 maximum height of the flow path is smaller than a height up to a lower surface of the discharge port portion.